

## Environmental Protection Agency

## §63.11417

(d) If you startup a new affected source after July 16, 2007, you must achieve compliance with the provisions in this subpart upon startup of your affected source.

### STANDARDS AND COMPLIANCE REQUIREMENTS

#### §63.11416 What are the standards for new and existing sources?

(a) If you own or operate a slabstock flexible polyurethane foam production affected source, you must meet the requirements in paragraph (b) of this section. If you own or operate a molded foam affected source, you must meet the requirements in paragraph (c) of this section. If you own or operate a rebond foam affected source, you must meet the requirements in paragraph (d) of this section. If you own or operate a

flexible polyurethane foam fabrication affected source, you must meet the requirements in paragraph (e) of this section.

(b) If you own or operate a new or existing slabstock polyurethane foam production affected source, you must comply with the requirements in either paragraph (b)(1) or (2) of this section.

(1) Comply with §63.1293(a) or (b) of subpart III, except that you must use Equation 1 of this section to determine the HAP auxiliary blowing agent (ABA) formulation limit for each foam grade instead of Equation 3 of §63.1297 of subpart III. You must use zero as the formulation limitation for any grade of foam where the result of the formulation equation (using Equation 1 of this section) is negative (i.e., less than zero):

$$ABA_{\text{limit}} = -0.2 (\text{IFD}) - 19.1 \left( \frac{1}{\text{IFD}} \right) - 15.3 (\text{DEN}) - 6.8 \left( \frac{1}{\text{DEN}} \right) + 36.5 \quad (\text{Equation 1})$$

Where:

$ABA_{\text{limit}}$  = HAP ABA formulation limitation, parts methylene chloride ABA allowed per hundred parts polyol (pph).

IFD = Indentation force deflection, pounds.

DEN = Density, pounds per cubic foot.

(2) Use no material containing methylene chloride for any purpose in any slabstock flexible foam production process.

(c) If you own or operate a new or existing molded foam affected source, you must comply with the requirements in paragraphs (c)(1) and (2) of this section.

(1) You must not use a material containing methylene chloride as an equipment cleaner to flush the mixhead or use a material containing methylene chloride elsewhere as an equipment cleaner in a molded flexible polyurethane foam process.

(2) You must not use a mold release agent containing methylene chloride in a molded flexible polyurethane foam process.

(d) If you own or operate a new or existing rebond foam affected source, you must comply with the requirements in paragraphs (d)(1) and (2) of this section.

(1) You must not use a material containing methylene chloride as an equipment cleaner in a rebond foam process.

(2) You must not use a mold release agent containing methylene chloride in a rebond foam process.

(e) If you own or operate a new or existing flexible polyurethane foam fabrication affected source, you must not use any adhesive containing methylene chloride in a flexible polyurethane foam fabrication process.

(f) You may demonstrate compliance with the requirements in paragraphs (b)(2) and (c) through (e) of this section using adhesive usage records, Material Safety Data Sheets, and engineering calculations.

[72 FR 38910, July 16, 2007, as amended at 73 FR 15928, Mar. 23, 2008]

#### §63.11417 What are the compliance requirements for new and existing sources?

(a) If you own or operate a slabstock flexible polyurethane foam production affected source, you must comply with the requirements in paragraph (b) of this section. If you own or operate a

molded foam affected source, rebond foam affected source, or a loop splitter at a flexible polyurethane foam fabrication affected source you must comply with the requirements in paragraphs (c) and (d) of this section.

(b) Each owner or operator of a new or existing slabstock flexible polyurethane foam production affected source who chooses to comply with §63.11416(b)(1) must comply with paragraph (b)(1) of this section. Each owner or operator of a new or existing slabstock flexible polyurethane foam production affected source who chooses to comply with §63.11416(b)(2) must comply with paragraphs (b)(2) and (3) of this section.

(1) You must comply with paragraphs (b)(1)(i) through (v) of this section.

(i) The monitoring requirements in §63.1303 of subpart III.

(ii) The testing requirements in §63.1304 or §63.1305 of subpart III.

(iii) The reporting requirements in §63.1306 of subpart III, with the exception of the reporting requirements in §63.1306(d)(1), (2), (4), and (5) of subpart III.

(iv) The recordkeeping requirements in §63.1307 of subpart III, with the exception of the recordkeeping requirements in §63.1307(a)(1), (b)(1)(i), and (b)(2).

(v) The compliance demonstration requirements in §63.1308(a), (c), and (d) of subpart III.

(2) You must submit a notification of compliance status report no later than 180 days after your compliance date. The report must contain this certification of compliance, signed by a responsible official, for the standards in §63.11416(b)(2): “This facility uses no material containing methylene chloride for any purpose on any slabstock flexible foam process.”

(3) You must maintain records of the information used to demonstrate compliance, as required in §63.11416(f). You must maintain the records for 5 years, with the last 2 years of data retained on site. The remaining 3 years of data may be maintained off site.

(c) You must have a compliance certification on file by the compliance date. This certification must contain the statements in paragraph (c)(1), (2), or (3) of this section, as applicable, and

must be signed by a responsible official.

(1) For a molded foam affected source:

(i) “This facility does not use any equipment cleaner to flush the mixhead which contains methylene chloride, or any other equipment cleaner containing methylene chloride in a molded flexible polyurethane foam process in accordance with §63.11416(c)(1).”

(ii) “This facility does not use any mold release agent containing methylene chloride in a molded flexible polyurethane foam process in accordance with §63.11416(c)(2).”

(2) For a rebond foam affected source:

(i) “This facility does not use any equipment cleaner which contains methylene chloride in a rebond flexible polyurethane foam process in accordance with §63.11416(d)(1).”

(ii) “This facility does not use any mold release agent containing methylene chloride in a rebond flexible polyurethane foam process in accordance with §63.11416(d)(2).”

(3) For a flexible polyurethane foam fabrication affected source containing a loop splitter: “This facility does not use any adhesive containing methylene chloride on a loop splitter process in accordance with §63.11416(e).”

(d) For molded foam affected sources, rebond foam affected sources, and flexible polyurethane foam fabrication affected sources containing a loop splitter, you must maintain records of the information used to demonstrate compliance, as required in §63.11416(f). You must maintain the records for 5 years, with the last 2 years of data retained on site. The remaining 3 years of data may be maintained off site.

[72 FR 38910, July 16, 2007, as amended at 73 FR 15929, Mar. 26, 2008]

#### OTHER REQUIREMENTS AND INFORMATION

#### §63.11418 What General Provisions apply to this subpart?

The provisions in 40 CFR part 63, subpart A, applicable to sources subject to §63.11416(b)(1) are specified in Table 1 of this subpart.